



PTO/GB/88a (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet:

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of

7

Complete if Known

Application Number	101575,676
Filing Date	October 25, 2006
First Named Inventor	Jill MacDonald Boyce
Art Unit	2624
Examiner Name	Anad P. Bhatnagar
Attorney Docket Number	PU030282

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Document Number Number - Kind Code‡ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6560815	08-27-1996	Cleonan et al	
		US-6659382	08-19-1997	Rybczynski	
		US-5917609	06-29-1999	Breuer et al	
		US-6219838	04-17-2001	Cherichetti et al	
		US-6269180	07-31-2001	Sevigny	
		US-6373982	04-16-2002	Nagao	
		US-6459589	10-06-2002	Kimura et al	
		US-6537509	07-01-2003	Suzuki et al	
		US-7055255	06-20-2006	Ghen et al	
		US-7738722	06-15-2010	Gomila et al	
		US-7742655	06-22-2010	Gomila et al	
		US-7955532	06-07-2011	Paut et al	
		US-2002/171849	11-21-2002	Fogg	
		US-2003/0043922	03-06-2003	Kalkar et al	
		US-2003/0206231	11-05-2003	Ghen et al	
		US-2002/0208552	11-05-2003	Avinash et al	
		US-2001/0055558	12-27-2001	Hirotsu et al	*JP 2001/357090
		US-2006/0082849	04-20-2006	Gomila et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Foreign Patent Document Country Code‡ - Number§ - Kind Code¶ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	ys
		EP 0364286	04-16-1990	M.I.T		
		EP0575006	12-22-1993	Kodak		
		EP0756281	01-29-1997	Sony		
		EP 1511328	03-02-2005	Matsushita		
		WO 00/18109	03-03-2000	Philips		
		WO 02/33958	04-25-2002	Kodak		
		WO 97/10575	03-25-1997	Philips		
		WO 2004/034518	04-14-2005	Thomson		
		WO 2004/095829	11-04-2004	Thomson		

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/Anand Bhatnagar/

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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Complete if Known

Application Number	10/575,676
Filing Date	October 25, 2006
First Named Inventor	Jill MacDonald Boyce
Art Unit	2624
Examiner Name	Anand P. Bhatnagar
Attorney Docket Number	PU030282

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ²	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ³ (if known)			
		US-2006/0083316	04-20-2006	Cooper et al	
		US-2006/0083425	04-20-2006	Cooper et al	
		US-2006/0182193	08-17-2006	Winger	
		US-2006/0291667	12-28-2006	Tourapis	
		US-2006/0133685	06-22-2006	Gomila et al	
		US-2007/0036452	02-15-2007	Llach et al	
		US-2007/0047658	03-01-2007	Tourapis et al	
		US-2007/0065856	03-15-2007	Boyce et al	
		US-2007/0070241	03-29-2007	Boyce et al	
		US-2007/0104380	05-10-2007	Gomila et al	
		US-2008/0262781	10-16-2008	DeWaele et al	= JP2007/5299445
		US-2008/0072660	04-06-2008	Jia et al	
		US-2007/0082974	01-04-2007	Lu et al	
		US-2004/0013308	01-22-2004	Jasn et al	
		US-6832172	01-16-2003	Tidwell	
		US-6327391	12-04-2001	Ohnisi et al	
		US-6496221	12-17-2002	Wolf et al	
		US-5995793	02-07-2000	Albedawi et al	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 2005/027045	03-24-2005	Thomson		
		WO 2006/039189	04-28-2006	Thomson		
		WO 2006/057703	06-01-2006	Thomson		
		JP 4-097681	03-30-1992	Nippon T & T		Abstract
		JP 8-079765	03-23-1995	Sony		Abstract
		JP 8-149488	06-07-1995	Sony		MT
		JP 9-082716	03-07-1997	Sony		Abstract
		JP 2881/357090	12-26-2001	Hitachi Ltd	=US20010565368	

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/Anand Bhatnagar/

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Application Number	10/575,676
Filing Date	October 25, 2006
First Named Inventor	Jill MacDonald Boyce
An Unit	2624
Examiner Name	Anad P. Bhatnagar
Attorney Docket Number	PU030282

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/575,676
		Filing Date	October 25, 2006
		First Named Inventor	Jill MacDonald Boyce
		Art Unit	2624
		Examiner Name	Anand P. Bhatnagar
		Attorney Docket Number	PU030282
Sheet	4	of	7

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Office Action from SN 10/552,179 mailed September 1, 2010	
		Office Action from SN 10/556,833 mailed May 10, 2010	
		Final Office Action from SN 10/556,833 mailed October 20, 2010	
		Office Action from SN 10/556,833 mailed January 7, 2011	
		Office Action from SN 10/556,833 mailed February 18, 2011	
		Office Action from SN 10/556,833 mailed May 10, 2011	
		Office Action from SN 10/556,833 mailed September 30, 2011	
		Final Office Action from SN 10/571,148 mailed May 12, 2010	
		Office Action from SN 10/571,148 mailed September 10, 2010	
		Office Action from SN 10/572,820 mailed March 18, 2010	
		Office Action from SN 10/572,820 mailed May 11, 2010	

Examiner Signature	/Anand Bhatnagar/	Date Considered	01/17/2012
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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Complete if Known

Application Number	10/575,676
Filing Date	October 25, 2006
First Named Inventor	Jill Macdonald Boyce
Art Unit	2624
Examiner Name	Anad P. Bhatnagar
Attorney Docket Number	PU030282

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Final Office Action from SN 10/572,520 mailed September 30, 2010	
		Office Action from SN 11/246,848 mailed July 5, 2010	
		Final Office Action from SN 11/246,848 mailed October 13, 2010	
		Office Action from SN 11/268,070 mailed July 21, 2010	
		Final Office Action from SN 11/268,070 November 12, 2010	
		Office Action from SN 11/268,070 mailed January 11, 2011	
		Office Action from SN 11/268,070 mailed June 22, 2011	
		Final Office Action from SN 11/273,067 mailed August 4, 2010	
		Office Action from SN 11/284,378 mailed August 31, 2010	
		Office Action from SN 11/284,378 mailed December 22, 2010	
		Office Action from SN 11/867,581 mailed June 8, 2011	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 6 of 7

Complete if Known

Application Number	10/575,676
Filing Date	October 25, 2006
First Named Inventor	Jill MacDonald Boyce
Art Unit	2624
Examiner Name	Anand P. Bhatnagar
Attorney Docket Number	PU030282

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		Final Office Action from SN 11/667,581 mailed October 14, 2011	
		Office Action from SN 11/667,529 mailed July 9, 2010	
		Final Office Action from SN 11/667,625 mailed November 18, 2010	
		Office Action from SN 11/667,629 mailed January 10, 2011	
		Final Office Action from SN 11/667,529 mailed April 22, 2011	
		Office Action from SN 11/667,816 mailed September 15, 2011	
		Final Office Action from SN 11/667,816 mailed December 5, 2011	
		Office Action from SN 11/667,846 mailed October 4, 2011	
		Office Action from SN 12/589,217 mailed July 13, 2010	
		Final Office Action from SN 12/589,217 mailed October 28, 2010	
		Office Action from SN 12/589,217 December 2, 2010	

Examiner Signature	/Anand Bhatnagar/	Date Considered	01/17/2012
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Sheet 7 of 7

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Application Number	10/575,676
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First Named Inventor	Jill MacDonald Boyce
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		GOMILA et al. "Firm Grain Modeling vs. Encoding", May 23-27, 2003, JVT of ISO/IEC MPEG & ITU-T VCEG 11 th Meeting, Munich, DE, March 15-19, 2004	
		CONKLIN et al. "Dithering 5-Tap Filter for Intrap Deblocking", JVT of ISO/IEC MPEG & ITU-T VCEG, 3 rd Meeting, Fairfax, Virginia, May 6-10, 2002, pages 1-16.	
		BYUN et al. "Power Efficient MPEG-4 Decoder Featuring Low-Complexity Error Resilience", ASIC, 2002 Proceedings, 2002 IEEE ASIA-PACIFIC CONFERENCE on August 6-8, 2002, Piscataway, NJ USA, IEEE	
		TAKASHI et al. "A 60-MW/MPEG4 VIDEO CODEC Using Clustered Voltage Scaling with Variable Supply-Voltage Scheme", IEEE Journal of Solid-State Circuits, IEEE Service Center, Piscataway, NJ USA, vol. 33, no. 11, November 1998, pages 1772-1776.	
		PURI et al. "Video Coding Using the H.264/MPEG-4 AVC Compression Standard", Signal Processing Image Communication, Elsevier Science Publishers, Amsterdam, NL, vol. 19, no. 8, October 1, 2004, pages 7993-845.	
		PIRSCH et al. "VLSI Architectures for Video Compression-A Survey", Proceedings of the IEEE, IEEE, New York, USA, vol. 83, no. 2, February 1, 1995, pages 220-246	

Examiner
Signature

/Anand Bhatnagar/

Date
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